

04 SF 80 13.2/13.9 EGISTERED ELÈCTRICAL ENGINEER DATE ADI WALIEDDIN 11465 PLANS APPROVAL DATE Exp.12/31/2009 ELECTRICAL PB AMERICAS, Inc. Parsons Brinckerhoff Company 303 Second St., Suite 700N

Caltrans now has a web site! To get to the web site, go to http://www.dot.ca.gov

SHEET NOTES:

- 1) Light shown mounted under ceiling diaphragm.
- 2) Typical light mounting details shown on sheet E-283.
- All conduits which thereafter cross the access walkways shall be raised to a level of at least 2438 above the grating of the platform. Door on north face of SE tower shaft shall remain accessible.
- for details.
- to 600 V cable tray at this elevation inside respective fower shaft.
- conduit sizes and pull box type per location.

- For typical conduit installation details, see sheet E-268.
- For types of pull boxes, splice boxes and enclosures, see sheets E-83

- shafts between stiffeners A3 and A4 only for conduits going up or down inside the tower shafts between C1 and C2 only For conduit entry details, see Structural Utility drawings.
- PVC coated.
- 2.125 m above floor/platform elevation UNO.
- 6. For Section A-A, see sheet E-285.
- sheet E-268.

REQUEST FOR INFORMATION NOT ADDRESSED IN THIS CCO REMAIN IN FORCE JS RG TW FW 12/11/09 TOWER UTILITY PANELS DESCRIPTIONS MARK DATE BY CH'D CCO CONTRACT CHANGE ORDER NO.

OF. ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE SHOWN.

THIS PLAN ACCURATE FOR ELECTRICAL WORK ONLY.

-(\$3a) UP210-1B-9

(\$3a) UP210-16

UP210-11

42

42

42

<u>__</u>

(Typ)

Tower

6C

GFCI

45

333 to sinc.

42

PLAN AT MAIN TOWER

AT ELEV 53.85 m

Some conduit & equipment are not shown for clarity. See sheet E-264 for layout of equipment. Circuits shown are for SE tower shaft. Circuit for other shafts shown on E-274, E-275 and E-275A.

UP210-1A-

Continue

to sheet

PB-2R

\$30 UP210-10

24

42

42/

44

Ø GF C

58

58

ÚP2¦10-17

 $\langle 6 \rangle$

(\$30) 3 WP

UP210-10

SE

UP210-20-

NW

(T) 1/5/

UP210-16

∕н3[\]

(Typ)

802

 $\langle 5 \rangle$

UP210-18

SW

UP210-10 $\overline{F3}$ (Typ. U.N.O.) $\overline{32}$

For similar mounting, see Detail 3, sheet E-267

To cable tray/

To cable tray

and receptacle (E-268)

3T20K

3T24K

(Typ for switch

installation)

600 V

TOS/COM

 $(Typ)\sqrt{4}$ UP210-1B-3 $\binom{5}{8}$

UP210-14 (\$30)

 $\langle 6 \rangle$ UP210-1B-3

 $\langle 6 \rangle$ UP210-1B-9

<150↑
3

600

BY

REVISED

DATE 10/01

CALCULATED/ DESIGNED BY CHECKED BY

EMOHAMMAD I

GOL

BEHZAD

TRANSPORTATION

DEPARTMENT OF

CAL I FORNIA

ᆼ

altars

REV

FOR REDUCED PLANS ORIGINAL SCALE IS IN MILLIMETERS

 $\sqrt{\frac{\$}{30}}$ UP210-1A-9 $\sqrt{4}$ (Typ)

T42) TOS/COM

(132)√600 V

______Continue _______to sheet E-366

E-264C/

E-264D

(Typ)

√600 V

TOS/COM

UP210-1A-3(6)

UP210-13

\$30 UP210-15

-UP210-19

-UP210-15

·UP210-1A-9(6)(Typ)

 $\sqrt{\frac{3}{600}}$ 5 To cable tray 3T22K

Continue 8 012 to sheet E-293

(3)(Typ)

Disconnect

-XFMR

Wireway

(UP210)

SECTION A-A NO SCALE

To other lights and switches as required

Rigid steel conduit

as requiréd

-Light fixture

Skin plate E

coated (Typ)

cover

O

Rigid galvanized

steel conduit PVC

Light switch, 20A, 120V, with corrosion

resistant enclosure

-Tower Access

Platform

EI. 53.85

and weatherproof

oulet body PVC coated

The State of California or its officers or agents shall not be responsible for the accuracy or completeness of electronic copies of this plan sheet.

- to pass overhead, allowing free walkways on the remaining three quadrants
- Multiple switches at certain elevations. See sheets E-284, E-284A and E-284B
- Conduits are at E1. 56.422 and connected
- 6 Number and sizes of conduit are field route to lights, receptacles and switches. See E-284 and E-284A for

NOTES:

- 1. References:
- For utility panel UP-210 schedule,
- see sheet E-278.
- and E-169.
- For conduit and cable tray schedules, see sheets starting at E-401.
- For lighting fixture schedule, see sheet E-273.
- For lighting installation details, see sheet E-267.
- 2. Electrical conduits shall enter the tower
- 3. All conduits and fittings routed exposed at grating shall be rigid galvanized steel,
- 4. Fixture mounting height elevation shall be
- 5. For other related work not shown on this sheet, see Electrical Special Provisions.
- 7. Typical conduit installation. See Detail 8,

DETAILS TOWER AND SUSPENSION CABLE TOWER POWER AND LIGHTING

SCALE AS NOTED

E-264B